

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Innovative Window Concepts, LLC 1801 Corporate Drive Boynton Beach, FL 33426

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "2041/2062" Aluminum Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. W06-63, titled "Series 2041/2062 Alum. Horizontal Sliding Wdw." sheets 1 through 6 of 6, dated 09/27/06, with revision B dated 10/05/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises and renews NOA # 09-0707.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

W

NOA No. 11-1117.05 Expiration Date: February 22, 2017 Approval Date: February 09, 2012 Page 1

Innovative Window Concepts, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No W06-63, Sheets 1 through 6 of 6, titled "Series 2041/2062 Alum. Horizontal Sliding Wdw.", dated 09/27/06 with revision B dated 10/05/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test, per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94
 - 6) Force Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by American Test Lab of South Florida, Test Report No. **ATL-0720.01-06**, dated 08/22/06, signed and sealed by Henry Hattem, P.E. (Submitted under previous NOA#06-1020.05)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, per FBC, TAS 2021-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of a horizontal sliding window, glazed with 5/16" HS and 7/16" HS laminated glass, prepared by American Test Lab of South Florida, Test Report No. ATLSF-1023.01-06, dated 11/17/06, signed and sealed by Henry Hattem, P.E. and William R. Mehner, P.E. (Submitted under previous NOA#07-0103.09) (FOR REFERENCE ONLY)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, prepared by Al-Farooq Corporation, dated 6/11/09, revised and updated on 09/07/11, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

Manuel Perez, P.E. Product Control Examiner NOA No. 11-1117.05

Expiration Date: February 22, 2017 Approval Date: February 09, 2012

Innovative Window Concepts, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.
- 2. Notice of Acceptance No. 11–0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 09/08/11, expiring on 12/11/16.

F. STATEMENTS

- 1. Statement letter of conformance, complying with the FBC-2007 and FBC-2010, and of no financial interest, dated 10/11/11, signed and sealed by Javad Ahmad, P.E.
- 2. Proposal No. 11–1159 issued by Product Control Section, BNC, dated September 30, 2011, signed by Manuel Perez, P. E.

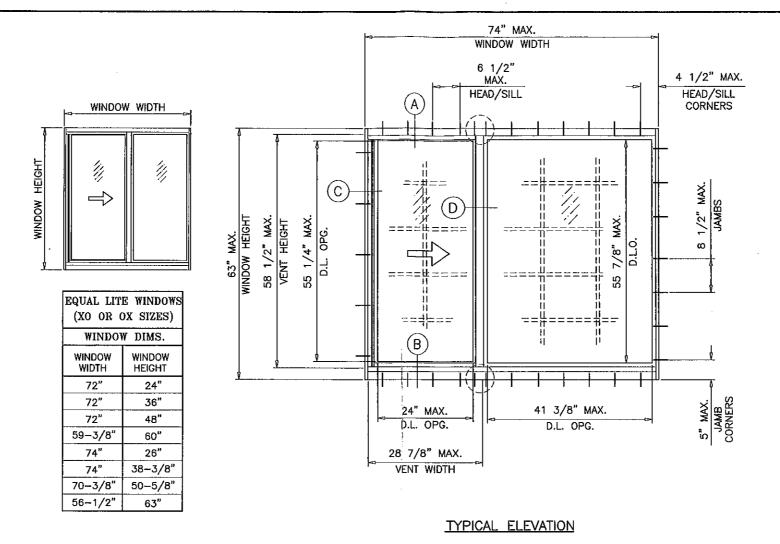
G. OTHERS

1. Notice of Acceptance No. **09-0707.02**, issued to Innovative Window Concepts, LLC for their Series 2041/2062 Aluminum Horizontal Sliding Window – L.M.I., approved on 11/11/09 and expiring on 02/22/12.

Manuel Perez, P.K. Product Control Examine

NOA No. 11-1117.05

Expiration Date: February 22, 2017 Approval Date: February 09, 2012



THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES 2041/2062 ALUMINUM HORIZONTAL SLIDING WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007/2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

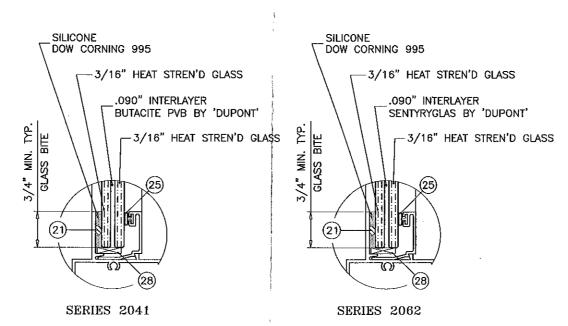
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



MAXIMUM DESIGN LOAD RATING = + 75.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) - 85.0 PSF SERIES 2041

MAXIMUM DESIGN LOAD RATING = + 75.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) 100.0 PSF SERIES 2062

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD' AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538 OOT 12 2011

PRODUCT REVISED as complying with the Florida **Building Code** Acceptance No 11-1117.05
Expiration Date FEB.22.2017

HAMID <u>خ</u> drawing no. W06-63

sheet 1 of 6

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CORPORATION
DUCT DEVELOPMENT

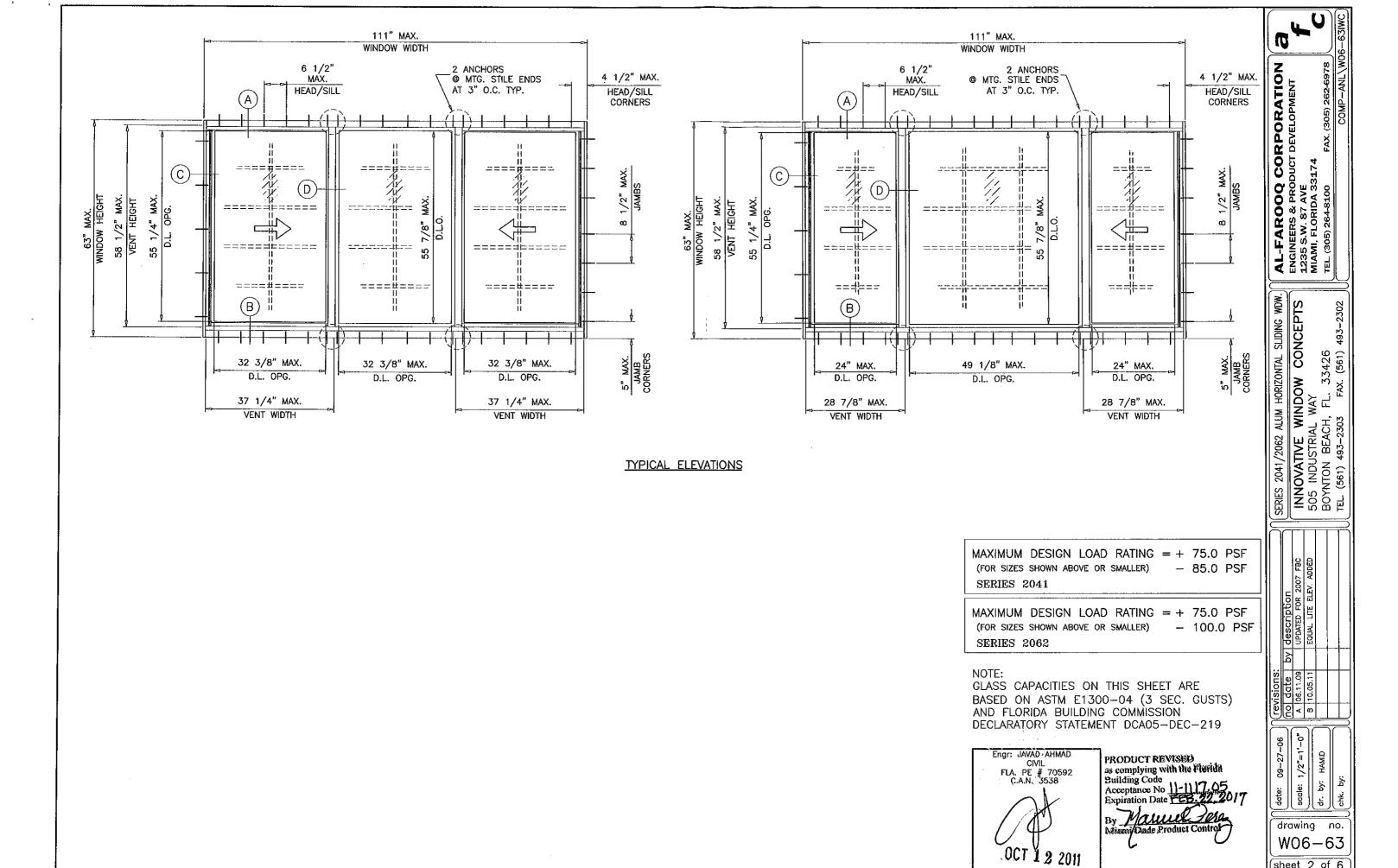
ENGINEERS & PRODUCT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174

CONCEP

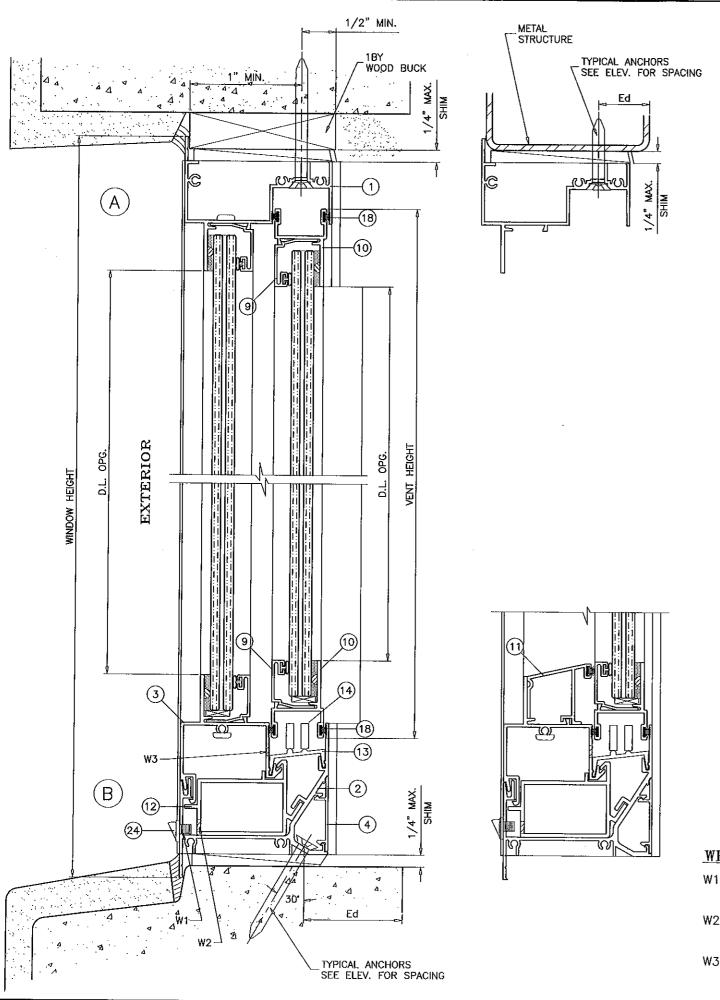
. 33426 FAX. (561)

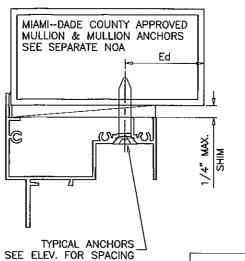
INNOVATIVE WINDOW C 505 INDUSTRIAL WAY BOYNTON BEACH, FL. 334 TEL. (561) 493–2303 FAX. (56

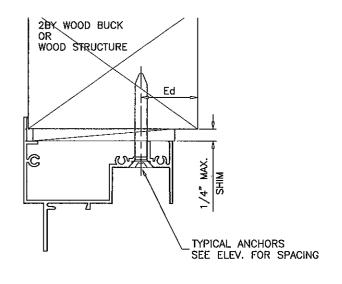
GLAZING OPTIONS



sheet 2 of 6







WOOD BUCKS AND METAL STRUCTURE NOT BY I.W.C. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF_DRILLING_SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

INTO METAL STRUCTURES

STEEL: 12 GA. MIN. (Fy = 36 KSI MIN.) ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

Ed = ANCHOR EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2" MIN.

INTO WOOD STRUCTURE = AS SHOWN

INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE f'c = 3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

SEALANTS:

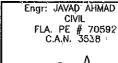
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.

WEEPHOLES:

W1 = 1-5/8" X 1/4" WEEPHOLES AT 7-1/8" FROM EACH END AND 24" O.C. WITH WEEP COVER

W2 = 1" X 1/4" WEEP SLOTS UNDER FIXED LITE AT 24" O.C.

W3 = 1" X 1/4" WEEP SLOTS ON VENT AREA AT 5" FROM ENDS AND 7-3/4" O.C.



ØCT 1 2 2011

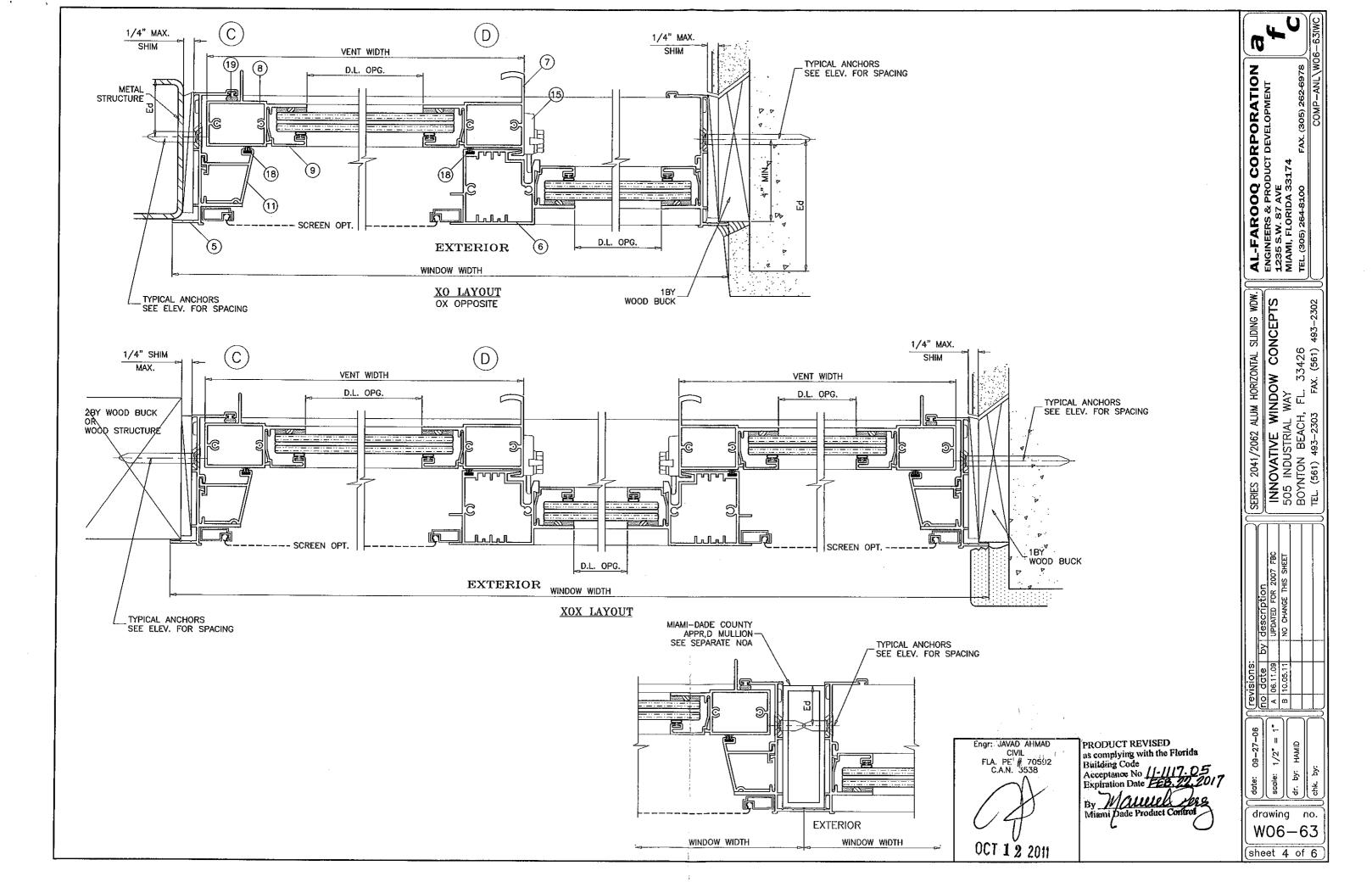
PRODUCT REVISED as complying with the Florida Building Code

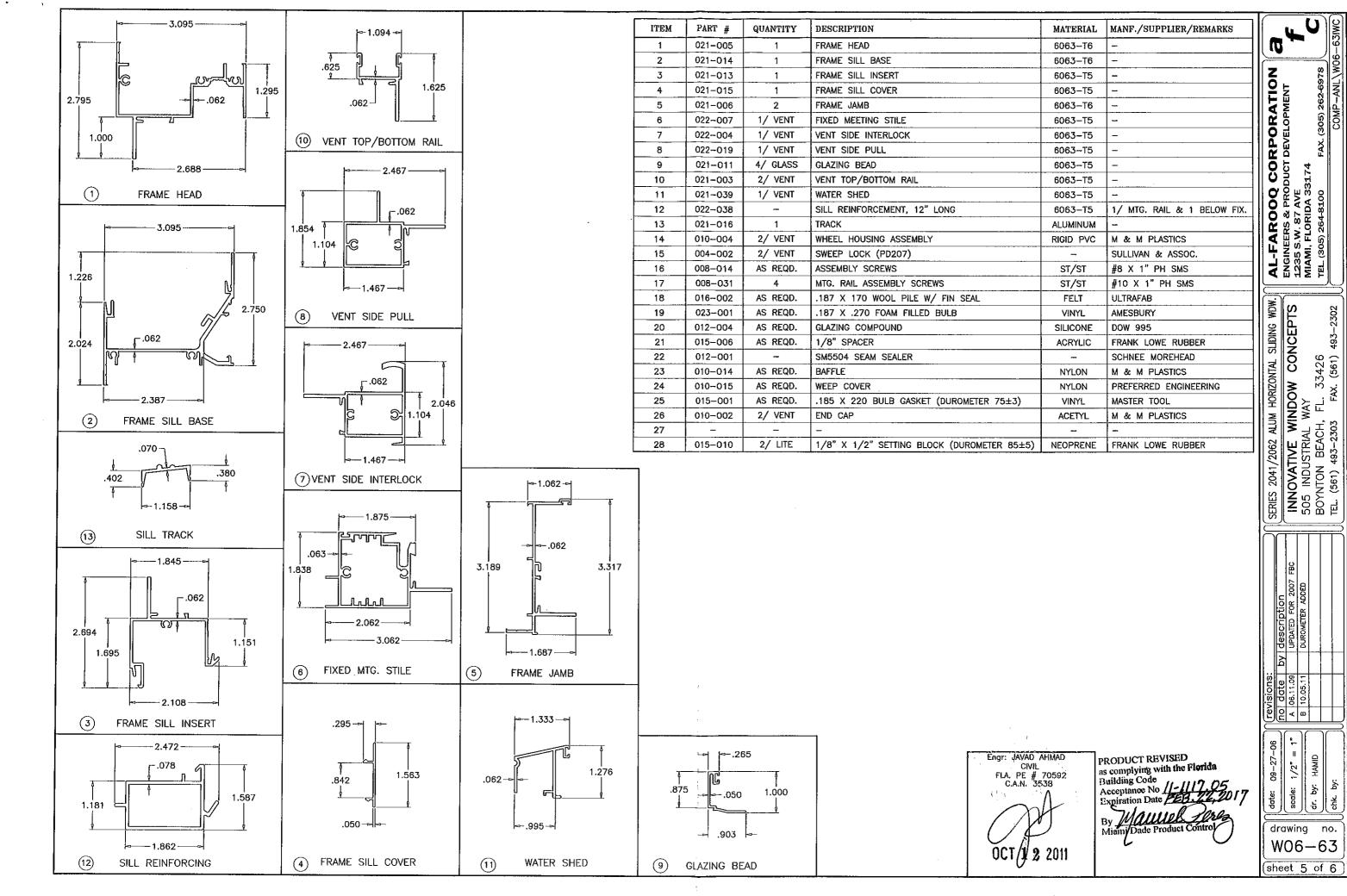
CORPORATION
DUCT DEVELOPMENT AL-FAROOQ (
ENGINEERS & PROD
1235 S.W. 87 AVE
MIAMI, FLORIDA 333
TEL (305) 264-8100

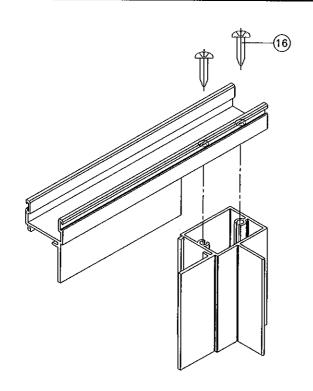
INNOVATIVE WINDOW CONCEPTS 505 INDUSTRIAL WAY BOYNTON BEACH, FL. 33426

drawing no. W06 - 63

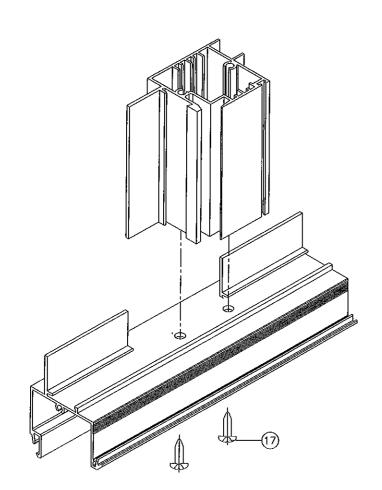
sheet 3 of 6



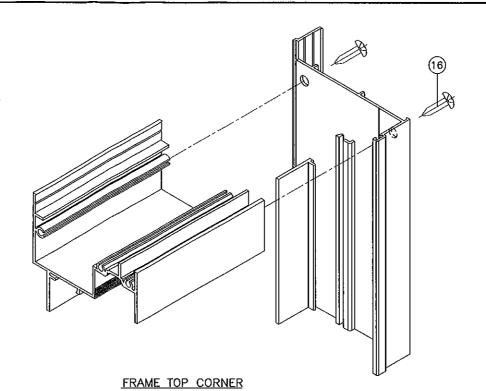


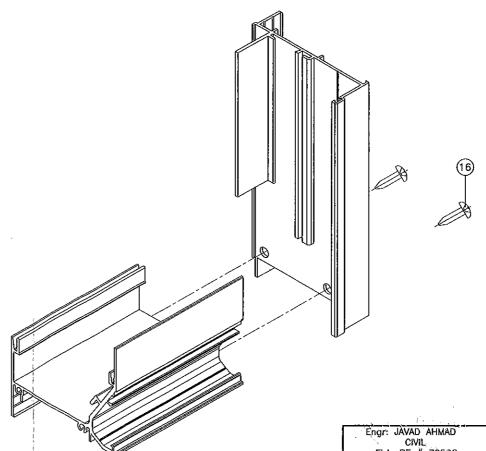


VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER





FRAME BOTTOM CORNER

Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

OCT 1 2 2011

PRODUCT REVISED as complying with the Florida Building Code Acceptance No //-/// Expiration Date // B. 222

drawing no. W06 - 63sheet 6 of 6

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES 2041/2062 ALUM HORIZONTAL SLIDING WDW.

INNOVATIVE WINDOW CONCEPTS
505 INDUSTRIAL WAY
BOYNTON BEACH, FL. 33426
TEL. (561) 493-2303 FAX. (561) 493-2302